



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No: 09/638,271 Filed: August 14, 2000 Inventor(s): Dinesh Nair, Siming Lin, Darren Schmidt, and Nicolas Vazquez Title: System and Method for Locating Color and Pattern Match Regions in a Target Image Unknown Examiner: 2622 Group/Art Unit:

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231, on the date indicated below.

Jeffrey C. Hood

SUBMISSION OF FORMAL DRAWINGS

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DEC A 75 1

Technology Center 2600

Sir:

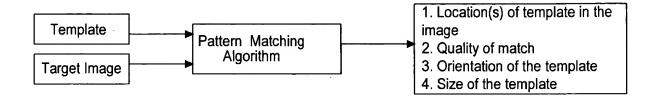
Applicant hereby submits the formal drawings for the above-referenced application and requests that these drawings (Figures 1-27 on 26 sheets) be accepted for filing.

Respectfully submitted,

Jeffrey C. Hood Reg. No. 35,198

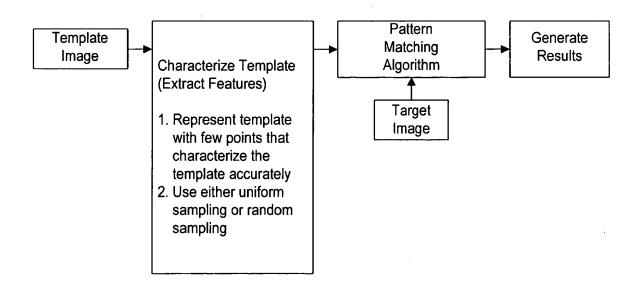
ATTORNEY FOR APPLICANTS

Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, TX 78767-0398 (512) 476-1400



PRIOR ART PATTERN MATCHING

FIG. 1



PRIOR ART PATTERN MATCHING WITH CHARACTERIZATION OF THE TEMPLATE IMAGE

FIG. 2

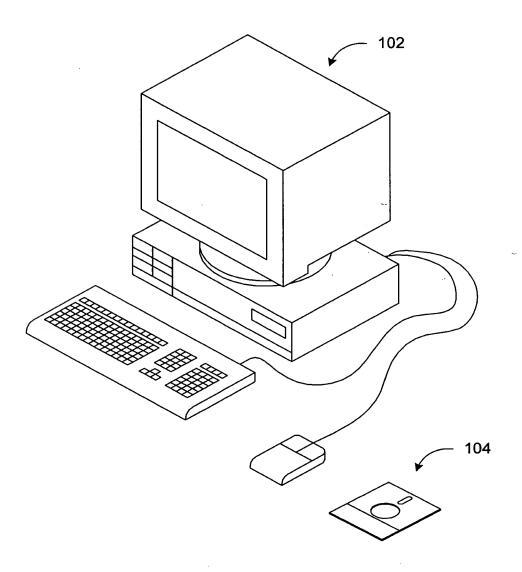


FIG. 3

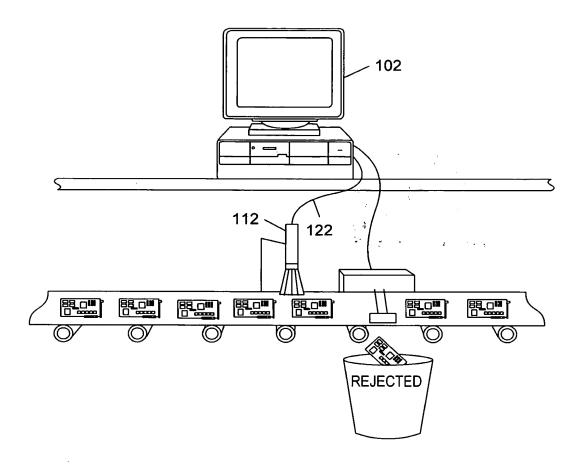


FIG. 4

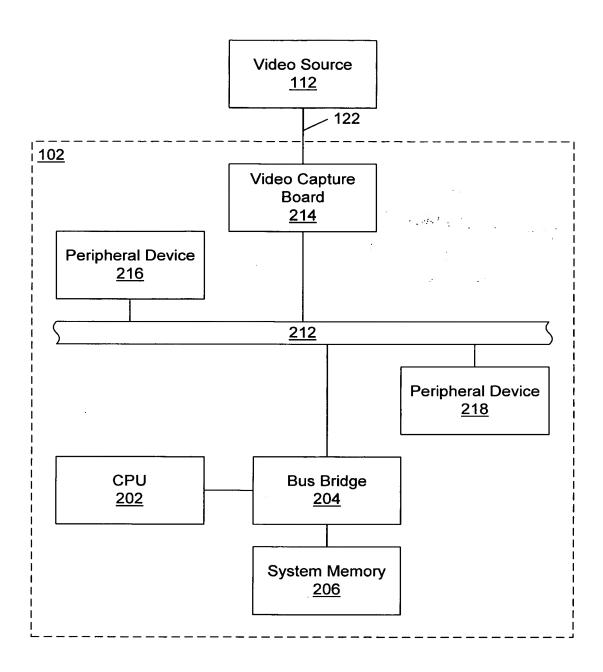


FIG. 5

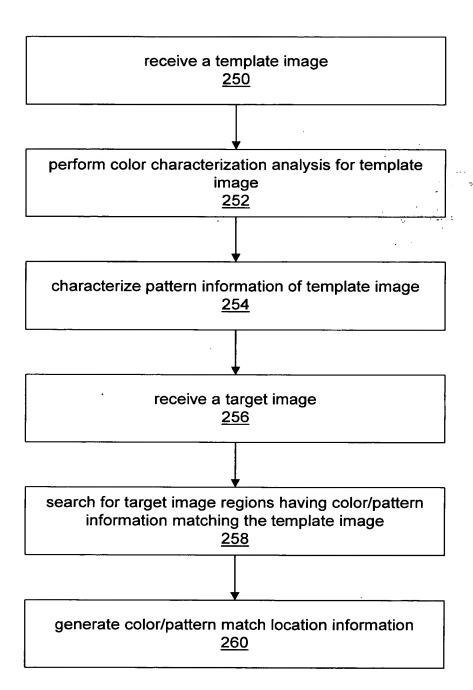


FIG. 6

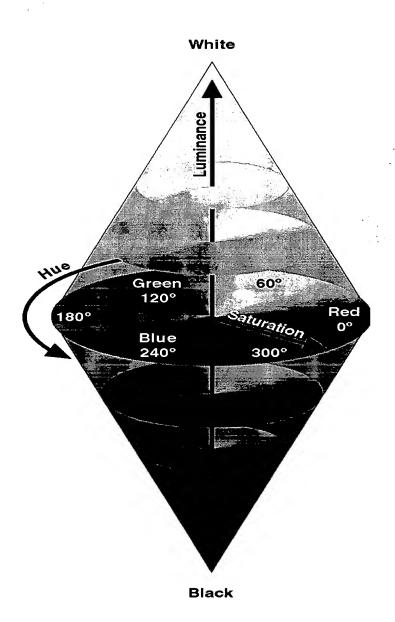


FIG. 7

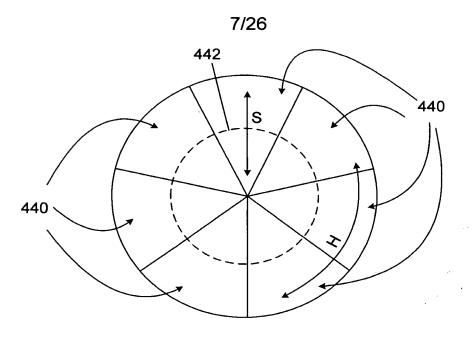


FIG. 8A

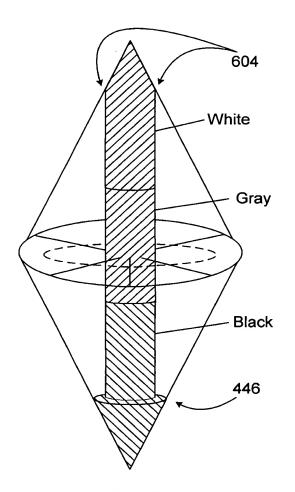


FIG. 8B

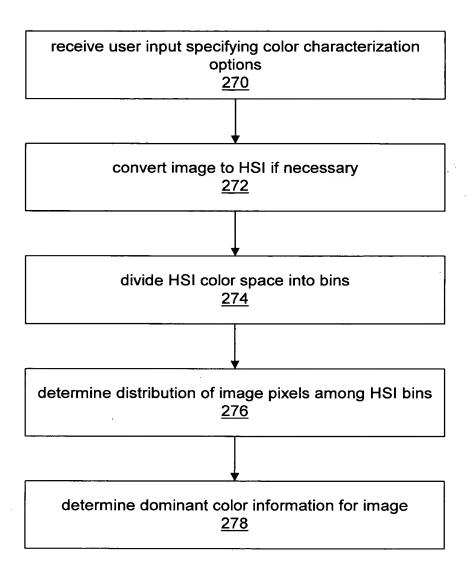


FIG. 9

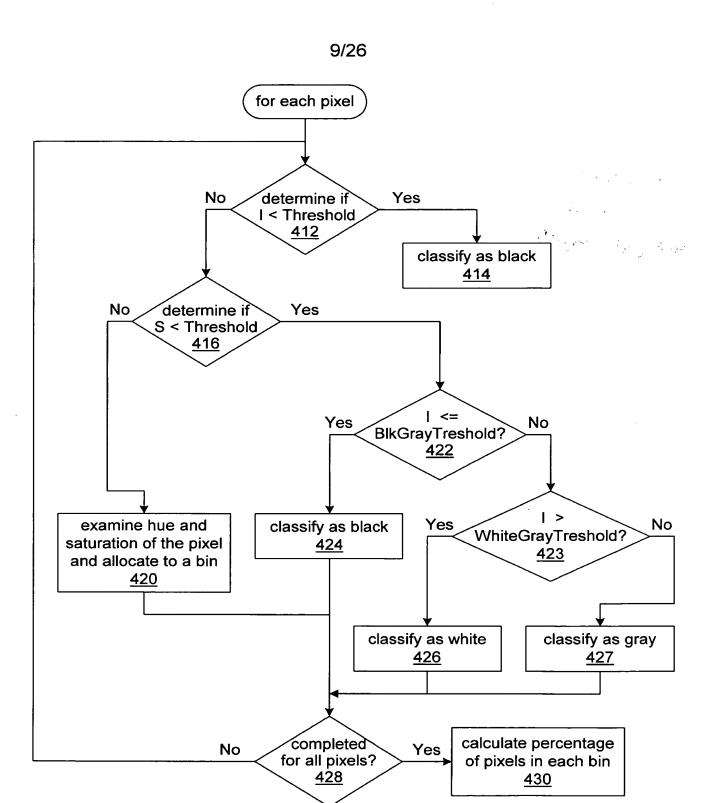


FIG. 10

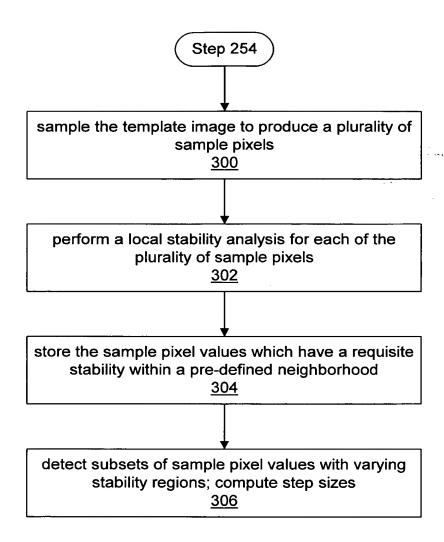


FIG. 11

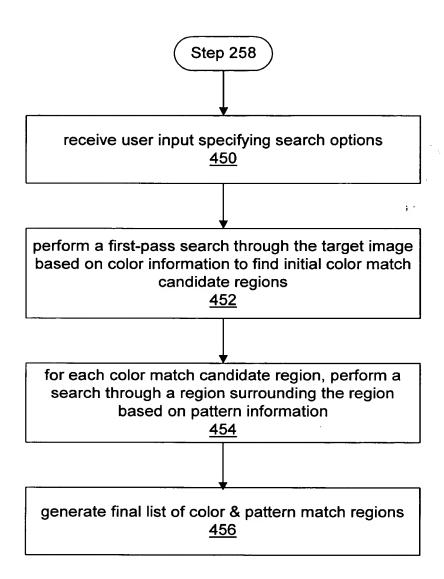
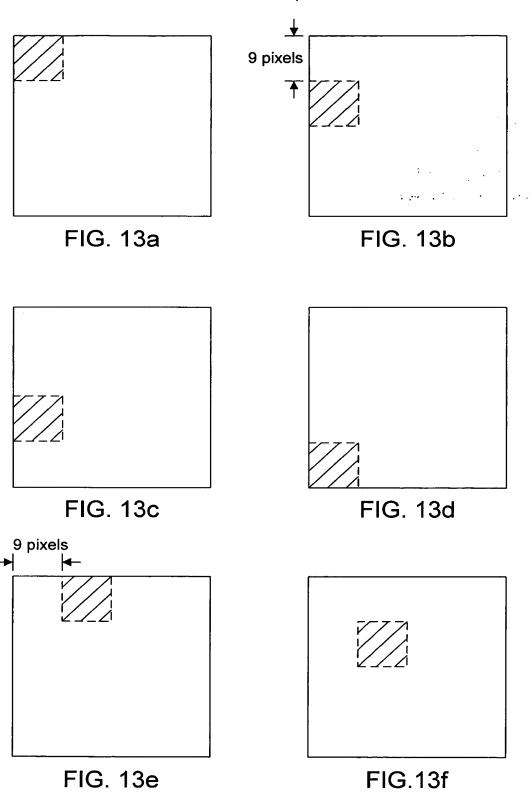


FIG. 12

12/26

9 x 9 Pixel Step Size



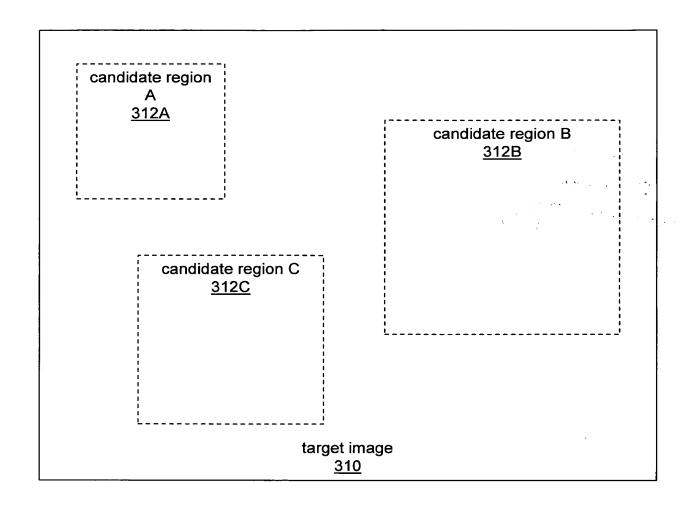


FIG. 14

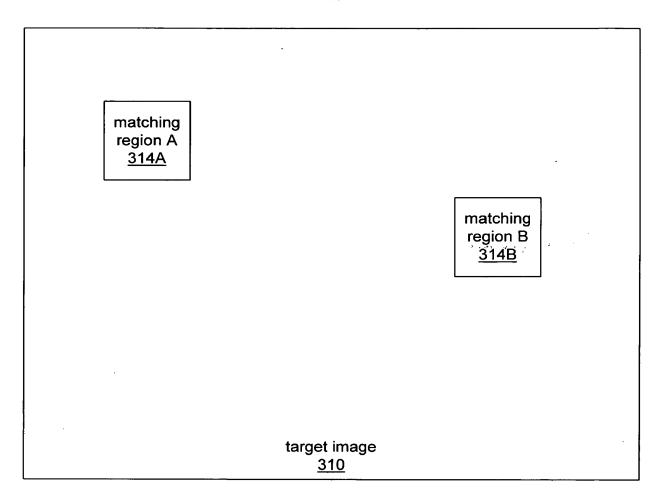


FIG. 15

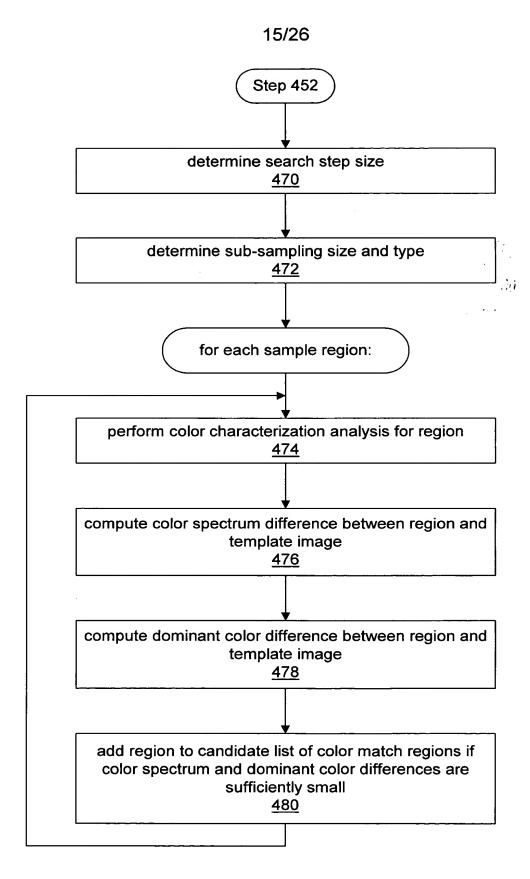


FIG. 16

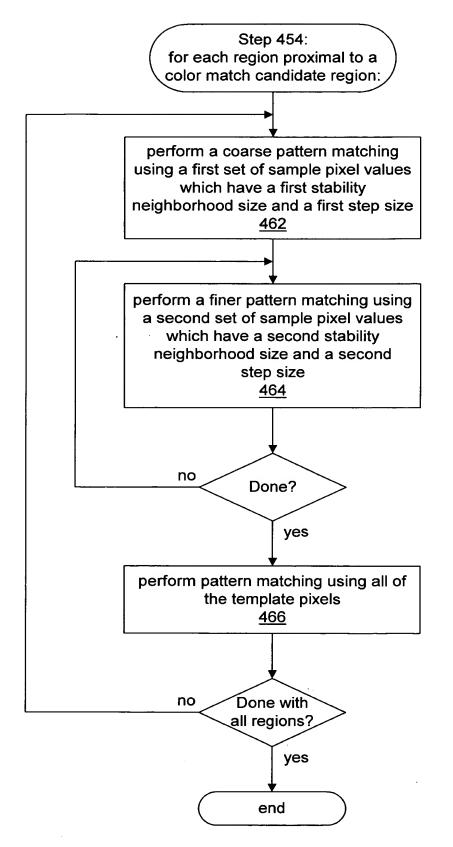
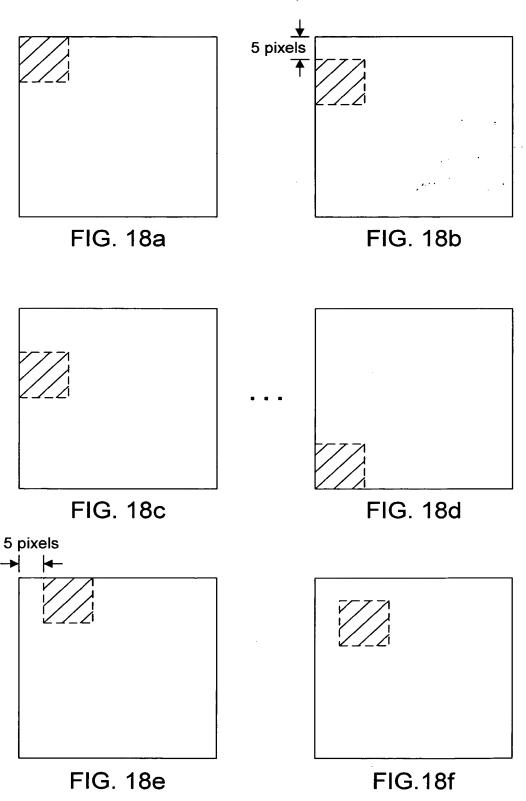


FIG. 17

17/26
5 x 5 Pixel Step Size



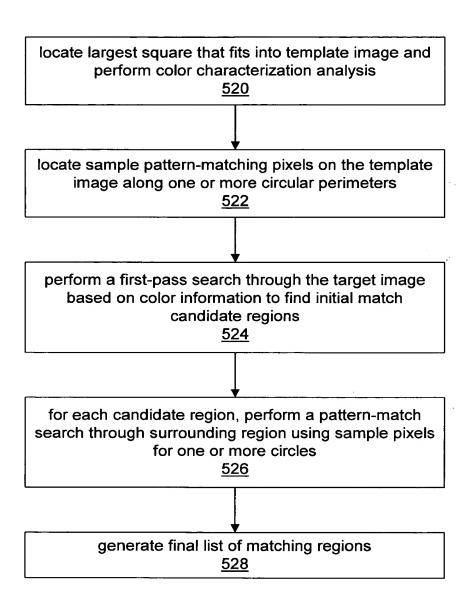


FIG. 19

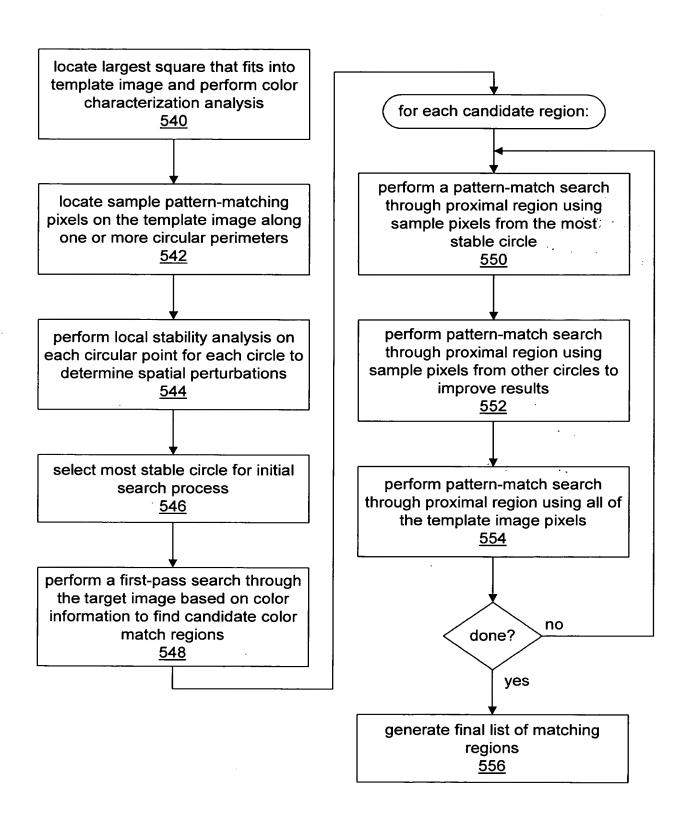


FIG. 20

20/26

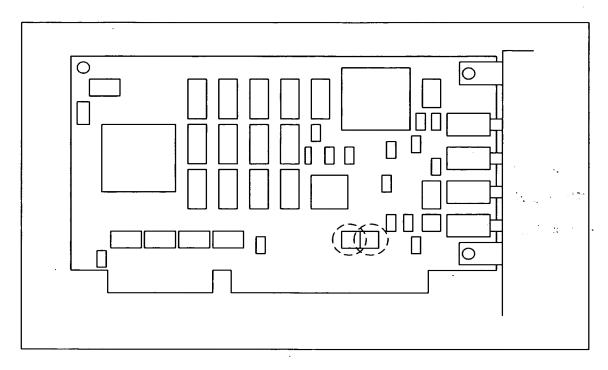


FIG. 21A

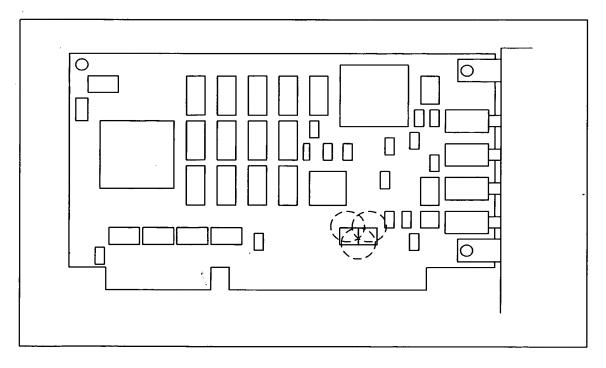


FIG. 21B

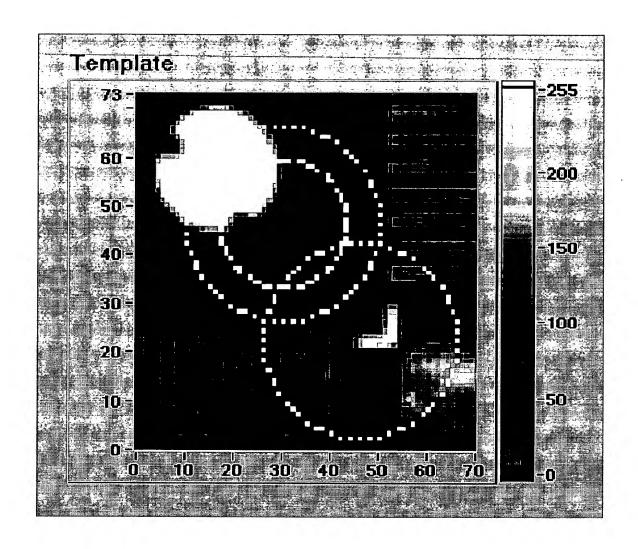


FIG. 22

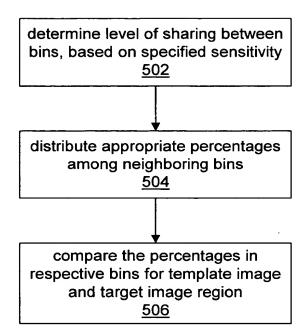


FIG. 23

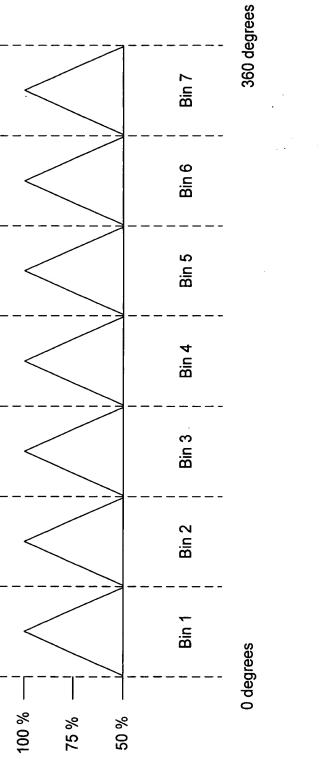
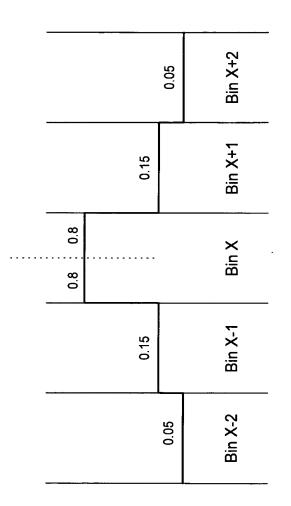


FIG. 24



=1G. 2{

25/26

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FIG. 26

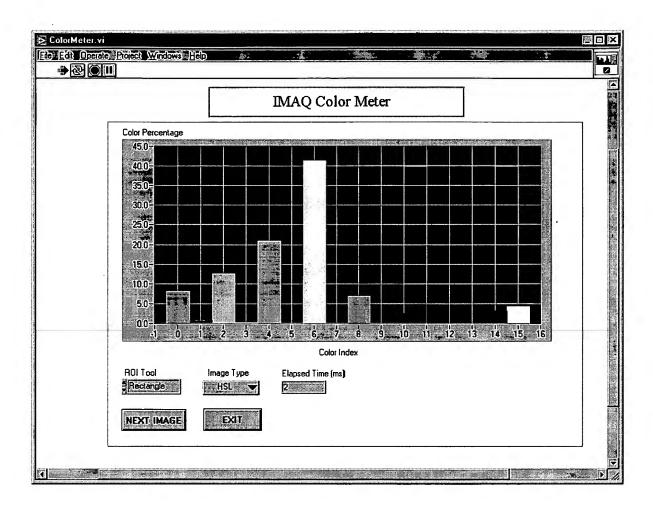


FIG. 27